

ATTACHMENT J7

Will Rogers World Airport (ANG) Natural Gas Distribution System

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J7 Will Rogers World Airport (ANG)

Natural Gas Distribution System

J7.1 Will Rogers World Airport (ANG) Overview

Will Rogers World Airport (ANG) is located approximately five miles southwest of central Oklahoma City, Oklahoma. Will Rogers ANGB is home to the 137th Airlift Wing, which flies the C-130 Hercules aircraft. The base is located at the Will Rogers World Airport on 133 acres, which is leased from the Oklahoma City Airport Trust. The facilities on the base include fourteen industrial, ten services, and three administrative buildings totaling approximately 359,796 square feet, with no transient housing or billeting. Day-to-day activities are managed by 295 full-time personnel. This increases to a total of 1236 personnel during unit training drills conducted one weekend each month.

J7.2 Natural Gas Distribution System Description

J7.2.1 Natural Gas Distribution System Fixed Equipment Inventory

The Will Rogers World Airport (ANG) natural gas distribution system consists of all appurtenances physically connected to the distribution system from the point in which the distribution system enters the Installation and Government ownership currently starts to the point of demarcation, defined by the Right of Way. The system may include, but is not limited to, pipelines, valves, regulators, and meters. The actual inventory of items sold will be in the bill of sale at the time the system is transferred. The following description and inventory is included to provide the Contractor with a general understanding of the size and configuration of the distribution system. The Government makes no representation that the inventory is accurate. The Contractor shall base its proposal on site inspections, information in the technical library, other pertinent information, and to a lesser degree the following description and inventory. Under no circumstances shall the Contractor be entitled to any service charge adjustments based on the accuracy of the following description and inventory.

Specifically excluded from the natural gas distribution system privatization are:

The Oklahoma Natural Gas Company owns approximately 234 feet of pipeline starting at the base entry point, proceeding up to and including the master meter.

J7.2.1.1 Description

Natural gas service at Will Rogers World Airport (ANG) is provided by the Oklahoma Natural Gas Company. It enters the base at a single point near the main gate. Base ownership begins at the downstream side of the master meter. The configuration is a looped distribution system with gas delivered at 240 psig and distributed at 12 psig. The distribution system contains approximately 7500 linear feet of PE pipe ranging from one to four inches in diameter. All piping is buried at an average depth of four feet and marked with tracer wire. The system contains 18 PE ball valves, 10 steel plug valves, 8 meters and 16 regulators. Base personnel indicate the system capacity is adequate to meet current and projected demands.

J7.2.1.2 Inventory

Table 1 provides a general listing of the major natural gas distribution system fixed assets for the Will Rogers World Airport (ANG) natural gas distribution system included in the sale.

TABLE 1
Fixed Inventory
Natural Gas Distribution System Will Rogers World Airport (ANG)

Item	Size	Quantity	Unit	Approximate Year of Construction
PE Pipe (marked with tracer wire)	(in.)			
	1	274	LF	1998
	1.25	198	LF	1998
	1.5	174	LF	1998
	2	547	LF	1998
	3	4338	LF	1998
	4	1967	LF	1998
Steel Plug Valves	(in.)			
	3	8	EA	1998
	4	2	EA	1998
PE Ball Valves	(in.)			
	1	12	EA	1998
	1.25	2	EA	1998
	1.5	1	EA	1998
	2	3	EA	1998
Regulators	Orifice size (in)			
Small	Under 1/2	1	EA	1998
Medium	1/2 to 1	9	EA	1998
Large	Over 1	6	EA	1998
Meters (see description in J7.5.1)				
		8	EA	1998
Notes:				
PE = Polyethylene				
LF = Linear Feet				
EA = Each				
IN = Inches				

J7.2.2 Natural Gas Distribution System Non-Fixed Equipment and Specialized Tools

Table 2 lists other ancillary equipment (spare parts) and Table 3 lists specialized vehicles and tools included in the purchase. Offerors shall field verify all equipment, vehicles, and tools prior to submitting a bid. Offerors shall make their own determination of the adequacy of all equipment, vehicles, and tools.

TABLE 2
Spare Parts
Natural Gas Distribution System Will Rogers World Airport (ANG)

Qty	Item	Make/Model	Description	Remarks
None				

TABLE 3
Specialized Vehicles and Tools
Natural Gas Distribution System Will Rogers World Airport (ANG)

Description	Quantity	Location	Maker
None			

J7.2.3 Natural Gas Distribution System Manuals, Drawings, and Records

Table 4 lists the manuals, drawings, and records that will be transferred with the system.

TABLE 4
Manuals, Drawings, and Records
Natural Gas Distribution System Will Rogers World Airport (ANG)

Qty	Description	Remarks
1	Natural Gas Utility System Maps (electronic copy)	AutoCAD Release Version 13

J7.3 Specific Service Requirements

The service requirements for the Will Rogers World Airport (ANG) natural gas distribution system are as defined in the Section C Description/Specifications/Work Statement.

J7.4 Current Service Arrangement

- Provider Name: Oklahoma Natural Gas Company
- Average Annual Usage (2000): 16,992 MCF
- Maximum Monthly Use (January): 4,317 MCF
- Minimum Monthly Use (August): 4 MCF

J7.5 Secondary Metering

J7.5.1 Existing Secondary Meters

Table 5 provides a listing of the existing (at the time of contract award) secondary meters that will be transferred to the Contractor. The Contractor shall provide meter readings for all secondary meters IAW Paragraph C.3 and J7.6 below.

TABLE 5
Existing Secondary Meters
Natural Gas Distribution System Will Rogers World Airport (ANG)

Meter Location (Building Number)	Meter Description
1046	Roots Meter model 7M175 Digital 7000 CFH 175 Psig, 1998
1045	Equimeter 750 CFH to 1600 CFH, 1998
1049	Equimeter 415 CFH, 1998
1047	Roots meter digital 1500 CFH, 1998
1048	Equimeter 2500 CFH at 0.5" diff to 5000 CFH at 2" diff., 1998
1040	Equimeter 415 CFH, 1998
1043	Roots Meter digital 11,000 CFH, 1998
1044	Roots Meter 800 CFH digital, 1998

J7.5.2 Required New Secondary Meters

The Contractor shall install and calibrate new secondary meters as listed in **Table 6**. New secondary meters shall be installed IAW Paragraph C.13 Transition Plan. After installation, the Contractor shall maintain and read these meters IAW Paragraphs C.3 and J7.6 below.

TABLE 6
New Secondary Meters
Natural Gas Distribution System Will Rogers World Airport (ANG)

Meter Location	Meter Description
None	

J7.6 Monthly Submittals

The Contractor shall provide the Government monthly submittals for the following:

1. Invoice (IAW paragraph G.2). The Contractor’s monthly invoice shall be presented in a format proposed by the Contractor and accepted by the Contracting Officer. Invoices shall be submitted by the 25th of each month for the previous month. Invoices shall be submitted to the person identified at time of contract award.

- 2. Outage Report. The Contractor’s monthly outage report will be prepared in the format proposed by the Contractor and accepted by the Contracting Officer. Outage reports shall be submitted by the 25th of each month for the previous month. Outage reports shall be submitted to the person identified at time of contract award.
- 3. Meter Reading Report. The monthly meter reading report shall show the current and previous month readings for all secondary meters. The Contractor’s monthly meter reading report will be prepared in the format proposed by the Contractor and accepted by the Contracting Officer. Meter reading reports shall be submitted by the 15th of each month for the previous month. Meter reading reports shall be submitted to the person identified at time of contract award.
- 4. System Efficiency Report. If required by Paragraph C.3, the Contractor shall submit a system efficiency report in a format proposed by the Contractor and accepted by the Contracting Officer. System efficiency reports shall be submitted by the 25th of each month for the previous month. System efficiency reports shall be submitted to the person identified at time of contract award.

J7.7 Energy Saving Projects

IAW Paragraph C.3 Requirement, the following projects have been implemented by the Government for conservation purposes: None.

J7.8 Service Area

IAW Paragraph C.4 Service Area, the service area is defined as all areas within the Will Rogers World Airport (ANG) boundaries.

J7.9 Off-Installation Sites

No off-installation sites are included in the sale of the Will Rogers World Airport (ANG) natural gas distribution system.

J7.10 Specific Transition Requirements

IAW Paragraph C.13 Transition Plan, **Table 7** provides a listing of service connections and disconnections required upon transfer.

TABLE 7
Service Connections and Disconnections
Natural Gas Distribution System Will Rogers World Airport (ANG)

Location	Description
None	

J7.11 Government Recognized System Deficiencies

Table 8 provides a listing of system improvements that the Government has planned. The Government recognizes these improvement projects as representing current deficiencies associated with the Will Rogers World Airport (ANG) natural gas distribution system. If the utility system is sold, the Government will not accomplish these planned improvements. The Contractor shall make a

determination as to its actual need to accomplish and the timing of any and all such planned improvements. Capital upgrade projects shall be proposed through the Capital Upgrades and Renewals and Replacements Plan process and will be through Schedule L-3. Renewal and replacement projects will be recovered through Sub-CLIN AB.

TABLE 8
System Deficiencies
Natural Gas Distribution System Will Rogers World Airport (ANG)

Project Location	Project Description
None	